



Lecture Series

Plant Biotechnology: Principles and Applications

Wed. 8:30 – 10:00 in H53

Start: Wed. April 17, 2024

17.04.2024	Introduction to Plant Biotechnology and GMPs	Dresselhaus
24.04.2024	Plant Tissue Culture	Dresselhaus
08.05.2024	Plant Breeding I: Classical Methods	Dresselhaus
15.05.2024	Plant Breeding II: Modern Methods	Dresselhaus
22.05.2024	Plant Genetic Engineering I	Grasser
29.05.2024	Plant Genetic Engineering II	Grasser
05.06.2024	Agronomic Traits	Grasser
12.06.2024	Quality Traits and Molecular Farming	Grasser
19.06.2024	Bioenergy Plants and Biosafety Research	Grasser
26.06.2024	Biotechnology for Pest Control	Koch
03.07.2024	Plant RNA Biotechnology I	Koch
10.07.2024	Plant RNA Biotechnology II	Koch
<i>open</i>	<i>Beer garden discussion: Global applications of plant biotech methods</i>	All docents

This lecture series addresses advanced students (5th semester and higher) in the life sciences and related fields. The focus will be on methods of plant tissue culture and genetic engineering as well as various applications of plant biotechnology for crop improvement in agriculture. Modern plant breeding methods will be introduced and ethical and safety issues as well as public perception will be discussed.